

# Notes- Heat Transfer

## Heat Transfer

- The \_\_\_\_\_ of thermal energy from a \_\_\_\_\_ to \_\_\_\_\_ substance.

- There are 3 types of heat transfer:

### 1. Conduction

- The transfer of heat through \_\_\_\_\_.
- \_\_\_\_\_ conduct heat well.

Examples of Conduction:

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### 2. Convection

- The transfer of heat through a \_\_\_\_\_ or \_\_\_\_\_ in a \_\_\_\_\_.

Examples of Convection:

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### 3. Radiation

- The transfer of heat \_\_\_\_\_ direct contact (radiation can travel through \_\_\_\_\_ or a vacuum).

Examples of Radiations:

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## Insulator

- An insulator is any material that \_\_\_\_\_ the \_\_\_\_\_ of heat.

List examples of conductors:

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List examples of insulators:

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